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Advanced Keyword Query for: AURORA-A  
KINASE

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INHIBITOR

## Characteristics

Release Date: 27-Jan-2009 Exp. N  
Resolution: 3.24 Å

## Classification

Transferase

## Compound

Molecule: SERINE/THREONINE-PR

Polymer: 1 Type: polypeptide

Chains: A

EC#: 2.7.11.1

Fragment: KINASE DOMAIN, RESID

## Authors

Howard, S. , Berdini, V. , Bo  
M.G. , Cross, D.M. , Curry, J.  
Early, T.R. , Fazal, L. , Gill, A  
Maman, S. , Matthews, J.E. ,  
Navarro, E.F. , O'Brien, M.A. ,  
D.C. , Reule, M. , Tisi, D. ,  
Vinkovic, M. , Wyatt, P.G.☒ 2W1DSTRUCTURE DETERMINATION OF AURORA KINASE  
INHIBITOR

## Characteristics

Release Date: 27-Jan-2009 Exp. N  
Resolution: 2.97 Å

## Classification

Transferase

## Compound

Molecule: SERINE/THREONINE-PR

Polymer: 1 Type: polypeptide

Chains: A

EC#: 2.7.11.1

Fragment: KINASE DOMAIN, RESID

## Authors

Howard, S. , Berdini, V. , Bo  
M.G. , Cross, D.M. , Curry, J.  
Early, T.R. , Fazal, L. , Gill, A  
Maman, S. , Matthews, J.E. ,  
Navarro, E.F. , O'Brien, M.A. ,  
D.C. , Reule, M. , Tisi, D. ,  
Vinkovic, M. , Wyatt, P.G.☒ 2W1GSTRUCTURE DETERMINATION OF AURORA KINASE  
INHIBITOR

## Characteristics

Release Date: 27-Jan-2009 Exp. N  
Resolution: 2.71 Å

## Classification

Transferase

## Compound

Molecule: SERINE/THREONINE-PR

**Authors**

Polymer: 1 Type: polypeptide  
 Chains: A  
 EC#: 2.7.11.1  
 Fragment: KINASE, RESIDUES 122-389  
**Howard, S. , Berdini, V. , Boi M.G. , Cross, D.M. , Curry, J. Early, T.R. , Fazal, L. , Gill, A Maman, S. , Matthews, J.E. , Navarro, E.F. , O'Brien, M.A. , D.C. , Reule, M. , Tisi, D. , Vinkovic, M. , Wyatt, P.G.**

**STRUCTURE DETERMINATION OF AURORA KINASE INHIBITOR****Characteristics**

Release Date: 27-Jan-2009 Exp. N  
 Resolution: 2.85 Å

**Classification**

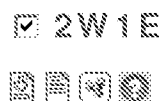
Transferase

**Compound**

Molecule: SERINE/THREONINE-PR  
 Polymer: 1 Type: polypeptide  
 Chains: A  
 EC#: 2.7.11.1  
 Fragment: RESIDUES 122-389

**Authors**

**Howard, S. , Berdini, V. , Boi M.G. , Cross, D.M. , Curry, J. Early, T.R. , Fazal, L. , Gill, A Maman, S. , Matthews, J.E. , Navarro, E.F. , O'Brien, M.A. , D.C. , Reule, M. , Tisi, D. , Vinkovic, M. , Wyatt, P.G.**

**STRUCTURE DETERMINATION OF AURORA KINASE INHIBITOR****Characteristics**

Release Date: 27-Jan-2009 Exp. N  
 Resolution: 2.93 Å

**Classification**

Transferase

**Compound**

Molecule: SERINE/THREONINE-PR  
 Polymer: 1 Type: polypeptide  
 Chains: A  
 EC#: 2.7.11.1  
 Fragment: KINASE DOMAIN, RESID

**Authors**

**Howard, S. , Berdini, V. , Boi M.G. , Cross, D.M. , Curry, J. Early, T.R. , Fazal, L. , Gill, A Maman, S. , Matthews, J.E. , Navarro, E.F. , O'Brien, M.A. , D.C. , Reule, M. , Tisi, D. , Vinkovic, M. , Wyatt, P.G.**

**AURORA A KINASE ACTIVATED MUTANT (T267D) IN ADPNP****Characteristics**

Release Date: 11-Jan-2006 Exp. N  
 Resolution: 2.20 Å

**Classification**

Transferase

**Compound**


Molecule: SERINE/THREONINE-PR  
 Polymer: 1 Type: polypeptide  
 Chains: A  
 EC#: 2.7.1.37  
 Fragment: CATALYTIC KINASE DOM  
 Mutation: YES

**Authors**

**Paupitit, R.A. , Pannifer, A.D. ,**



Mcmiken, H.H.J. , Rowsell, S.


☒ 3E5A  


Crystal structure of Aurora A in complex with VX-6



**Characteristics** Release Date: 28-Oct-2008 Exp. N  
Resolution: 2.30 Å

**Classification** Transferase

**Compound** Molecule: Serine/threonine-protein  
Polymer: 1 Type: polypeptide  
Chains: A  
EC#: 2.7.11.1   
Fragment: Residues 122-403

Molecule: Targeting protein for Xkl  
Polymer: 2 Type: polypeptide  
Chains: B  
Fragment: Residues 1-43

**Authors** Zhao, B. , Smallwood, A. , La


☒ 2C6E  


AURORA A KINASE ACTIVATED MUTANT (T287D) I AMINOPYRIMIDINYL GUINAZOLINE INHIBITOR



**Characteristics** Release Date: 11-Jan-2006 Exp. N  
Resolution: 2.10 Å

**Classification** Transferase/inhibitor

**Compound** Molecule: SERINE/THREONINE-PR  
Polymer: 1 Type: polypeptide  
Chains: A, B  
EC#: 2.7.1.37   
Fragment: CATALYTIC KINASE DOM  
Mutation: YES

**Authors** Paupit, R.A. , Pannifer, A.D. ,  
Mcmiken, H.H.J. , Rowsell, S.


☒ 1OL7  


STRUCTURE OF HUMAN AURORA-A 122-403 PHOS THR287, THR288




**Characteristics** Release Date: 30-Oct-2003 Exp. N  
Resolution: 2.75 Å

**Classification** Kinase

**Compound** Molecule: SERINE/THREONINE  
Polymer: 1 Type: polypep  
Chains: A  
EC#: 2.7.1.37   
Fragment: CATALYTIC DOMAIN,  
Other Details: PHOSPHORYLATED C

**Authors** Bayliss, R. , Conti, E.


☒ 2W1H  


FRAGMENT-BASED DISCOVERY OF THE PYRAZOL-4 MULTI-TARGETED KINASE INHIBITOR WITH POTE ACTIVITY



**Characteristics** Release Date: 27-Jan-2009 Exp. N  
Resolution: 2.15 Å

**Classification** Transferase

**Compound** Molecule: CELL DIVISION PROTEIN  
Polymer: 1 Type: polypeptide  
Chains: A  
EC#: 2.7.1.37 

**Authors** Howard, S. , Berdini, V. , Bo  
M.G. , Cross, D.M. , Curry, J.  
Early, T.R. , Fazal, L. , Gill, A  
Maman, S. , Matthews, J.E. ,

Navarro, E.F. , O'Brien, M.A. ,  
D.C. , Reule, M. , Tisi, D. ,  
Vinkovic, M. , Wyatt, P.G.

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The RCSB PDB is managed by two members of the RCSB:  
Rutgers and UCSD, and is funded by NSF, NIGMS, DOE, NLM, NCI, NINDS, and NID